### **Accepted Manuscript**

#### Research paper

Mechanism underlying the suppressor activity of retinoic acid on IL4-induced IgE synthesis and its physiological implication

Goo-Young Seo, Jeong-Min Lee, Young-Saeng Jang, Seung Goo Kang, Sungil Yoon, Hyun-Jeong Ko, Geun-Shik Lee, Seok-Rae Park, Cathryn R. Nagler, Pyeung-Hyeun Kim

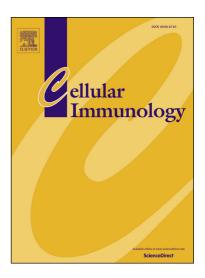
PII: S0008-8749(17)30147-8

DOI: https://doi.org/10.1016/j.cellimm.2017.10.001

Reference: YCIMM 3701

To appear in: Cellular Immunology

Received Date: 7 March 2017 Revised Date: 11 September 2017 Accepted Date: 3 October 2017



Please cite this article as: G-Y. Seo, J-M. Lee, Y-S. Jang, S.G. Kang, S-i. Yoon, H-J. Ko, G-S. Lee, S-R. Park, C.R. Nagler, P-H. Kim, Mechanism underlying the suppressor activity of retinoic acid on IL4-induced IgE synthesis and its physiological implication, *Cellular Immunology* (2017), doi: https://doi.org/10.1016/j.cellimm.2017.10.001

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

## **ACCEPTED MANUSCRIPT**

Mechanism underlying the suppressor activity of retinoic acid on IL4-induced IgE synthesis and its physiological implication

Goo-Young Seo <sup>a, f, 1</sup>, Jeong-Min Lee <sup>a, 1</sup>, Young-Saeng Jang<sup>a</sup>, Seung Goo Kang<sup>b</sup>, Sung-il Yoon<sup>b</sup>, Hyun-Jeong Ko<sup>c</sup>, Geun-Shik Lee<sup>d</sup>, Seok-Rae Park<sup>e</sup>, Cathryn R. Nagler<sup>f</sup>, and Pyeung-Hyeun Kim<sup>a,\*</sup>

<sup>a</sup>Department of Molecular Bioscience, School of Biomedical Science and institute of Bioscience and Biotechnology, Kangwon National University, Chuncheon 24341, Republic of Korea, <sup>b</sup>Division of Biomedical Convergence, School of Biomedical Science and institute of Bioscience and Biotechnology, Kangwon National University, Chuncheon 24341, Republic of Korea, <sup>c</sup>Laboratory of Microbiology and Immunology, College of Pharmacy, Kangwon National University, Chuncheon 24341, Republic of Korea, <sup>d</sup>College of Veterinary Medicine, Kangwon National University, Chuncheon 24341, Republic of Korea, <sup>e</sup>Department of Microbiology, College of Medicine, Konyang University, Daejeon 35365, Republic of Korea, <sup>f</sup>Department of Pathology and Committee on Immunology, The University of Chicago, 924 East 57th Street, R120, Chicago, IL 60637, USA

\*Corresponding author: Pyeung-Hyeun Kim, Department of Molecular Bioscience, School of Biomedical Science and institute of Bioscience and Biotechnology, Kangwon National University, Chuncheon 24341, Republic of Korea; Fax: 82-33-259-5641; Tel: 82-33-250-8546; E-mail: phkim@kangwon.ac.kr

### Download English Version:

# https://daneshyari.com/en/article/8463620

Download Persian Version:

https://daneshyari.com/article/8463620

<u>Daneshyari.com</u>